

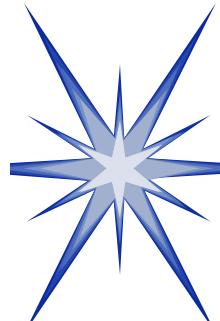
Goddard Space Flight Center

Electronic Mail Migration Plan

February 6, 1996

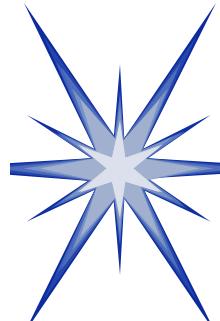
Rita T. Kemp

GSFC Postmaster



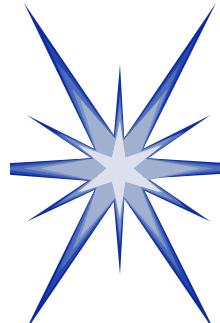
Email Initiative Implementation

- Option # 1 Chosen
 - SMTP/MIME to the desktop utilizing Post Office Protocol (POP3) servers
- GSFC Strategic Direction Established
- Support of GSFC Management Council



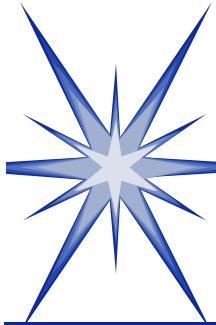
GSFC Email Environment

- October '94
 - GSFCMail - 3,400 active users
 - cc:Mail - 3,550 site licenses
 - Unix - est. 4,000 - 5,000 Users
- May '96
 - Eudora/POP - est. 5,000
 - Unix Community - est. 5,000 - 6,000



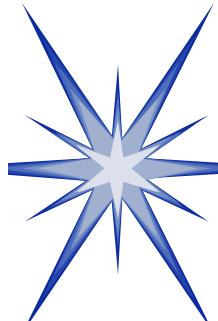
GSFC Implementation Plan

- Provide Post Office Protocol (POP3) as single interface
 - Migrate 75 cc:Mail post offices to POP NLT August 96 (Goal date of May 96)
- User SMTP/MIME user agents
 - Center-wide license for Eudora (PC/Mac)
 - Freeware for Unix Community



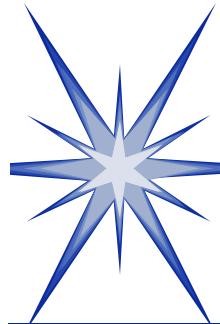
Major Accomplishments

- Terminated GSFCMail on July 1, 1995
 - 3,300 users migrated
- Center-wide cc:Mail Migration Team
 - Established Fall '95, Meets biweekly
- cc:Mail Migration Plan Established
 - Milestones Identified
- Procurement of new equipment initiated
- Training Materials Developed
 - Documentation, CD-ROM, slides
- Registration Process Developed



Challenges to meet May '96

- LAN Admin Training
 - Classes continuing
 - To Be Completed by 2/29/96
- Eudora on the desktop
 - Batch registration process established
 - All registration requests to be submitted NLT 2/16/96
- Complete User Training
 - Eudora and Internet Suite
- Migration of cc:Mail messages
 - Message transfer policy established
 - Dedicated gateway for mail transfer



May '96 - August '96

- If Migration is not complete by May '96:
 - cc:Mail MIME compliant gateway utilized exclusively
 - All email addresses in X.500 updated to reflect MIME gateway



GSFC's Current E-Mail Server Descriptions

POPA

Sun SPARC Station 20

- 96MB RAM
- 6GB Disk Space
- FDDI & Ethernet

Software:

- Solaris 2.4
- QPopper
- Listserv/Majordomo
- FTPd
- HTTPd
- CNE Mail Environment

Users: 1149

POPB

Sun SPARC Station 20

- 96MB RAM
- 6GB Disk Space
- FDDI & Ethernet

Software:

- Solaris 2.4
- QPopper
- FTPd
- HTTPd
- CNE Mail Environment

Users: 1482

POPC

Sun SPARC Station 20

- 96MB RAM
- 6GB Disk Space
- FDDI & Ethernet

Software:

- Solaris 2.4
- QPopper
- FTPd
- HTTPd
- CNE Mail Environment

Users: 0 (Backup)



GSFC's X.500 & USENET News Server Descriptions

X500

Sun SPARC Station 20

- 144MB RAM
- 2GB Disk Space
- Ethernet

Software:

- Sun O/S 4.1.3
- LDAP 3.1

X500 (Backup)

Sun SPARC Station 10

- 96MB RAM
- 2GB Disk Space
- Ethernet

Software:

- Sun O/S 4.1.3
- LDAP 3.1



For X.500 and
E-Mail Reflector
Services

For both internal and
external USENET
connections



NEWS

Sun SPARC Station 20

- 128MB RAM
- 4GB Disk Space
- FDDI & Ethernet

Software:

- Sun O/S 4.1.3
- INN 1.4SEC

NEWSFEED

Sun SPARC Station 5

- 64MB RAM
- 2GB Disk Space
- FDDI & Ethernet

Software:

- Sun O/S 4.1.3
- INN 1.4SEC



GSFC's Future E-Mail Server Descriptions (Part 1)

POPA

Sun SPARC Station 20

- 96MB RAM
- 15GB Disk Space (RAID 5)
- FDDI & Ethernet

Software:

- Solaris 2.5
- QPopper
- FTPd
- HTTPd
- CNE Mail Environment

Users: ????

POPC

Sun SPARC Station 20

- 96MB RAM
- 15GB Disk Space (RAID 5)
- FDDI & Ethernet

Software:

- Solaris 2.5
- QPopper
- FTPd
- HTTPd
- CNE Mail Environment

Users: ????

POPB

Sun SPARC Station 20

- 96MB RAM
- 15GB Disk Space (RAID 5)
- FDDI & Ethernet

Software:

- Solaris 2.5
- QPopper
- FTPd
- HTTPd
- CNE Mail Environment

Users: ????



GSFC's Future E-Mail Server Descriptions (Part 2)

POPD

Sun SPARC Station 20

- 96MB RAM
- 15GB Disk Space (RAID 5)
- FDDI & Ethernet

Software:

- Solaris 2.5
- QPopper
- FTPd
- HTTPd
- CNE Mail Environment

Users: ?????

POPS

Sun SPARC Station 20

- 96MB RAM
- 2GB Disk Space
- FDDI & Ethernet

Software:

- Solaris 2.5
- QPopper
- FTPd
- HTTPd
- CNE Mail Environment

Users: 0 (Backup)

POPWFF

Sun SPARC Station 20

- 96MB RAM
- 2GB Disk Space
- FDDI & Ethernet

Software:

- Solaris 2.5
- QPopper
- FTPd
- HTTPd
- CNE Mail Environment
- Majordomo

Users: ???? (WFF)

MAILLIST

Sun SPARC Station 20

- 96MB RAM
- 4GB Disk Space
- FDDI & Ethernet

Software:

- Solaris 2.5
- Majordomo

